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Dec/2001

■ Preface

This system unit is designed to be stable, safe, and easy to use. The system can be upgraded and expanded in function easily if correct procedure is followed.
For your own safety and to avoid accidental damage to your system, please ensure you follow the following precautions:

- Follow all the warnings and instructions marked on the products.
- To remove or clean the product, remember to unplug the power cord.
- Place your system unit in a cool, clean space, to be far away from water, heat and dust.
- Before connecting any peripheral equipment, please unplug the power cord from the system unit to prevent unexpected damage.
- The AC input supplies power to the system unit. Check your dealer if you can not recognize the type of the power supply.

CAUTION
Danger of explosion if battery is incorrectly replaced.

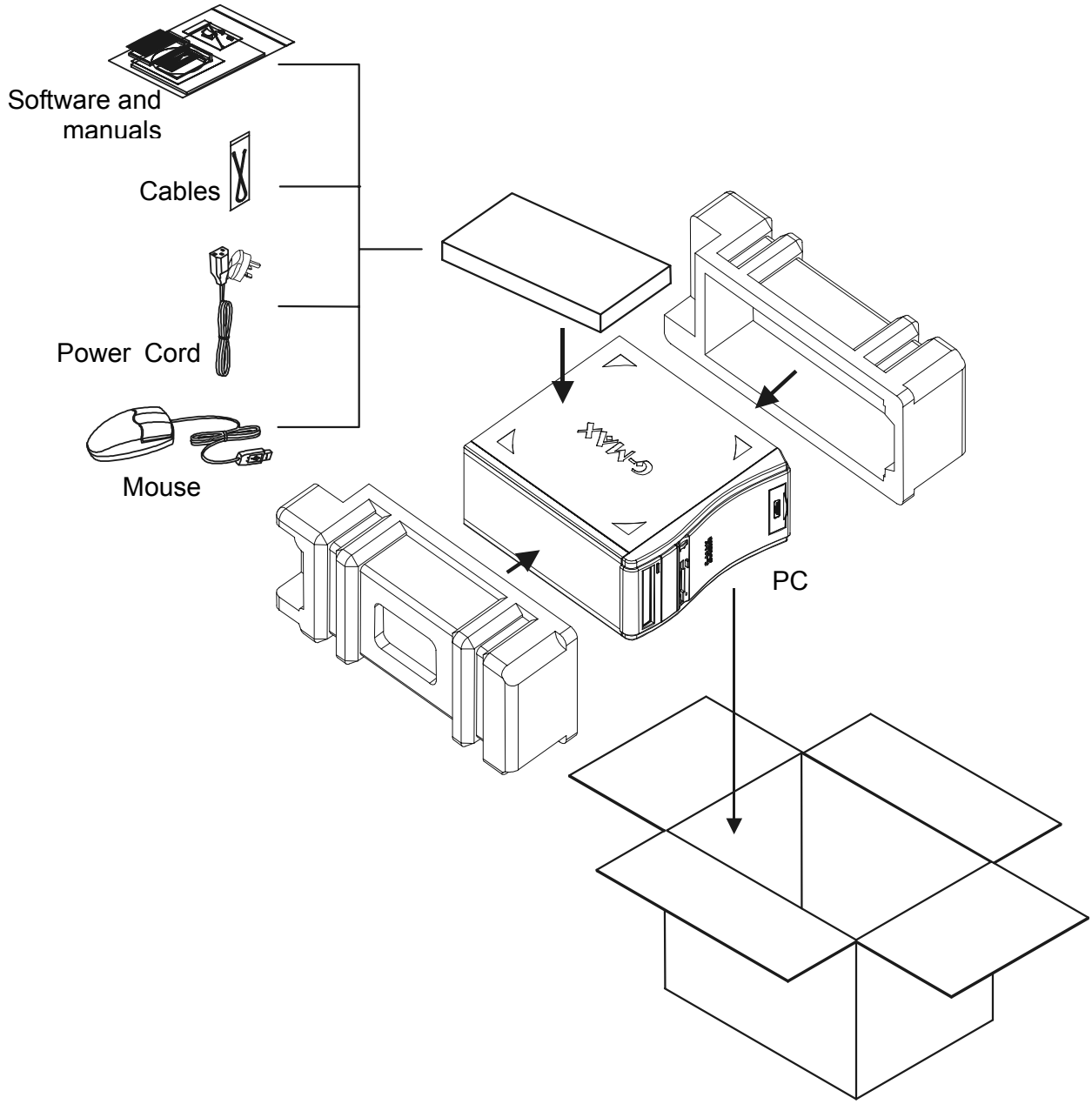
Replace only with the same or equivalent type
recommended by the manufacture.
Dispose of used batteries according
to the manufacturer's instructions.

■ Introduction

G-MAX series product, to adopt main board of design & development by GIGABYTE that is Micro ATX mechanical design in advance, let you work smoothly in Windows environment. Micro ATX adopt dexterous mechanical design, so it is ease by assembly & safeguard.

Specification Overview
- Micro ATX chassis
- Micro ATX main board of GIGABYTE
- Power supply
- DVD-ROM / CD-ROM
- 1.44 "FDD
- Multi I/O Card (Option)
- Assembly Box Content
  - Main board user's manual
  - User's manual
  - Main board Driver CD
  - IDE cable
  - Cable Tie
  - Screw bag
  - Mouse

■ Items included in the package



I. Chassis

■Dimension 405(D)mm x 180(W)mm x 352(H)mm

This chassis is made with material complied with UL specification and designed for space saving and easy open with thumbscrew. There are two 5.25" and three 3.5" drive bays. This chassis complies with corresponding EMC and safety regulations.

II. Motherboard

See Motherboard Manual for details.

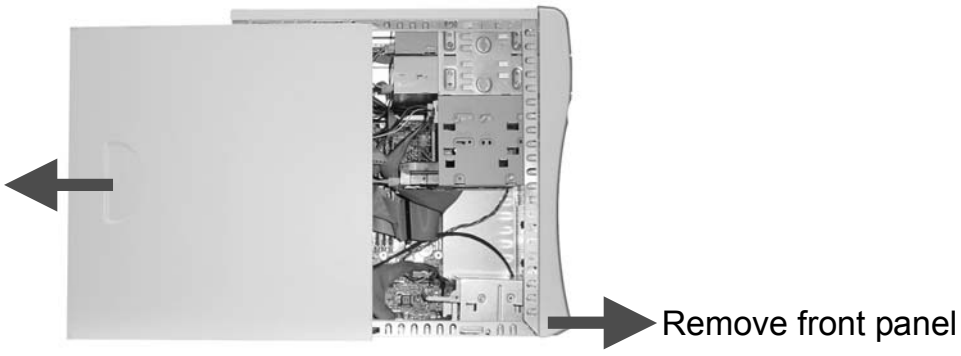
III. Power Supply

The ATX switching power supply included with this product supports soft off function. Hence, the system can be shut down automatically under Microsoft Windows® 98 (or higher versions) commands. Default input voltage setting is 230V.

Note: Please check the voltage requirements in the country you reside before turning on the PC.

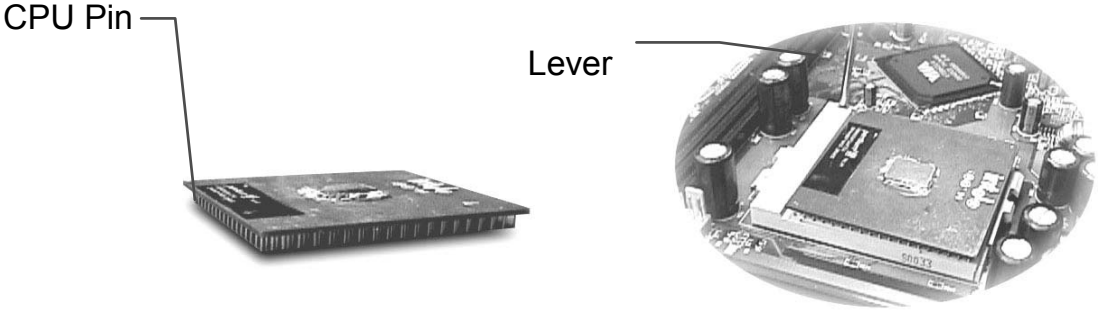
IV. System Component Installation

■Remove the screws of the side cover of the chassis, push backward to dismount the cover.

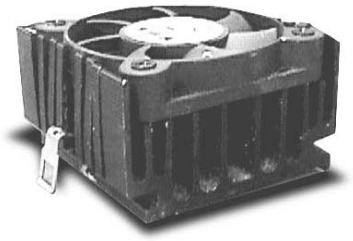


For different processor types, please refer to below installation guide.

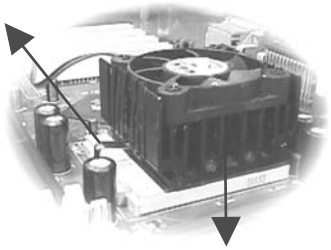
■CPU (For Intel® Pentium® III and Intel® Celeron® processors)



1. Insert the CPU on the CPU socket. Before installation, lift up the lever and align the cut of the CPU with the marking on the socket.
2. Pull down the lever to lock the CPU on the socket after installation. When you are installing the heat sink, please make sure to keep the heat sink tight against the CPU to obtain the best cooling result.
3. Apply the thermal compound to one side of the template, and ensure the compound is spread evenly across the template and repeat if necessary.
4. Connect fan power connector to the CPU FAN connector on the motherboard.



Click heat sink lock on the CPU socket

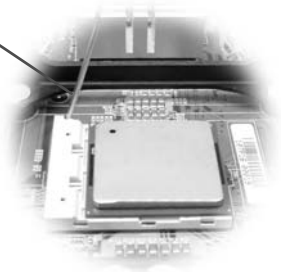


Install fan on top of CPU

■CPU(For Intel® Pentium® 4 processors)

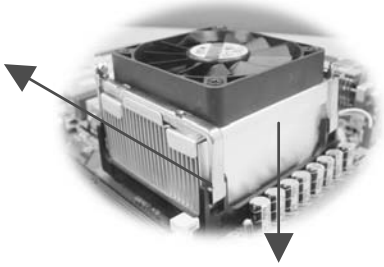
CPU Pin

Lever



1.Insert the CPU on the CPU socket. Before installation, lift up the lever and align the cut of the CPU with the marking on the socket.
2.Pull down the lever to lock the CPU on the socket after installation. Put CPU cooler on retention module and make sure to keep the heat sink tight against the CPU to obtain the best cooling result. Lock the cooler on retention module.
3. Apply the thermal compound to one side of the template, and ensure the compound is spread evenly across the template and repeat if necessary.
4. Connect fan power connector to the CPU FAN connector on the motherboard.

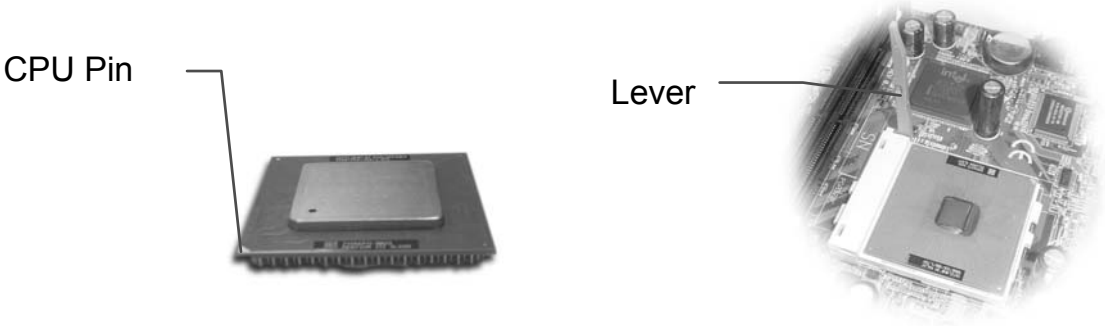
Click the heat sink locker to the motherboard retention module.



Install fan on top of CPU

■CPU (For Intel® Tualatin processors)

In this section you will find the gist of CPU installation.

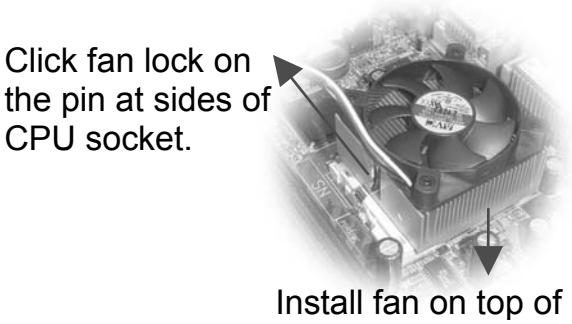


1.Insert the CPU on the CPU socket. Before installation, lift up the lever and align the cut of the CPU with the marking on the socket.

2.Pull down the lever to lock the CPU on the socket after installation. Put CPU cooler on retention module and make sure to keep the heat sink tight against the CPU to obtain the best cooling result. Lock the cooler on retention module.

3. Apply the thermal compound to one side of the template, and ensure the compound is spread evenly across the template and repeat if necessary.

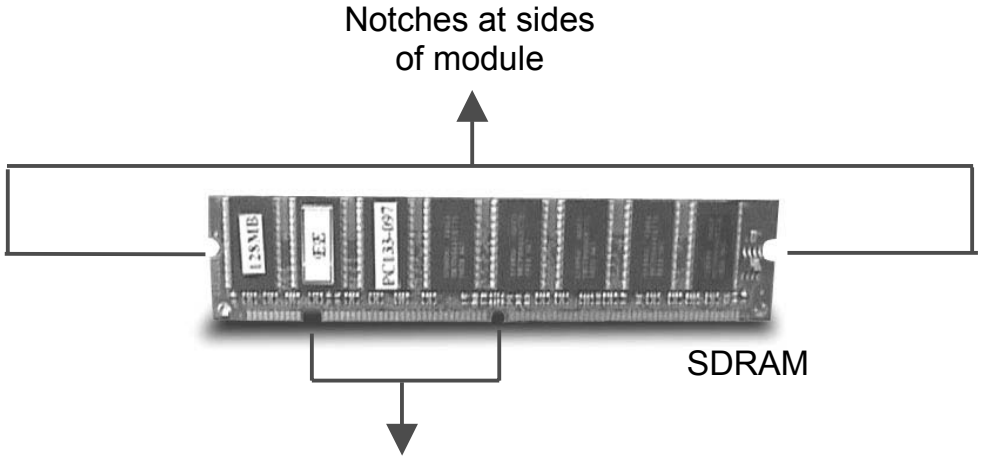
4. Connect fan power connector to the CPU FAN connector on the motherboard.



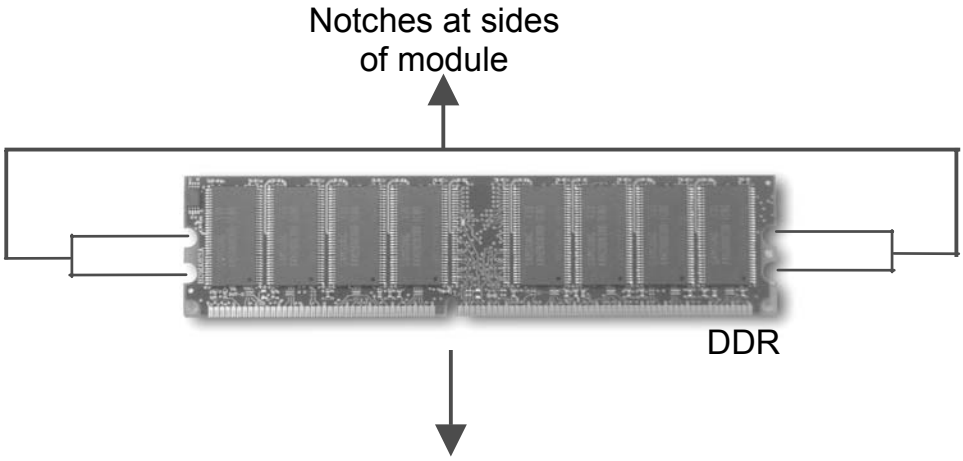
Set CPU clock frequency from BIOS Setup, see Motherboard Manual for details.

For AMD Athlon™ and AMD Duron™ processors, the installation method will be similar to Intel® Pentium® III and Intel® Celeron® processors

■Memory



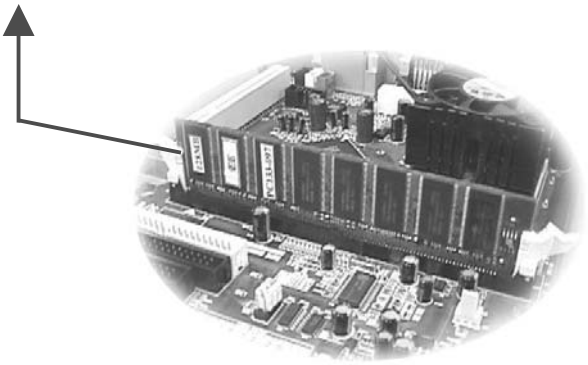
Position notches. Make sure that the notches should align the pin on DIMM slot on the motherboard



Position notches. Make sure that the notches should align the pin on DIMM slot on the motherboard

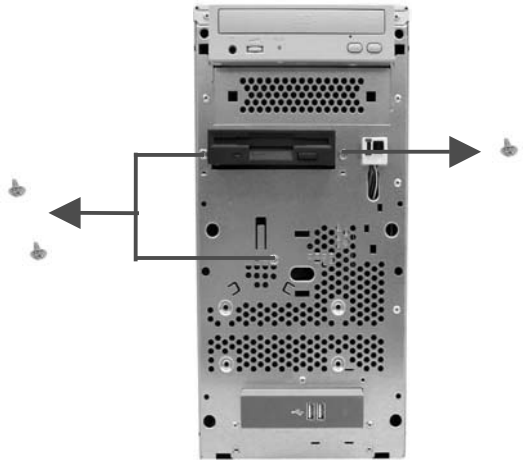
In this section we will guide you to install 168-pin DIMM RAM module. First, make sure the position notches at the bottom of the module should align to the pins on the module sockets on the motherboard, then push the module downward until the locks hook up notches at sides.

Locks: make sure they hook up the notches at sides of module

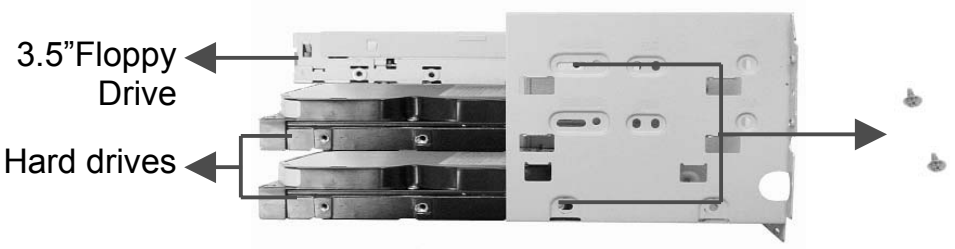


■Hard Drive Installation

1.Remove 3 screws in front of the hard drive chassis and dismount chassis.



2.The chassis accommodates up to three 3.5" storage devices. Select a place and fix the hard drive with screws.



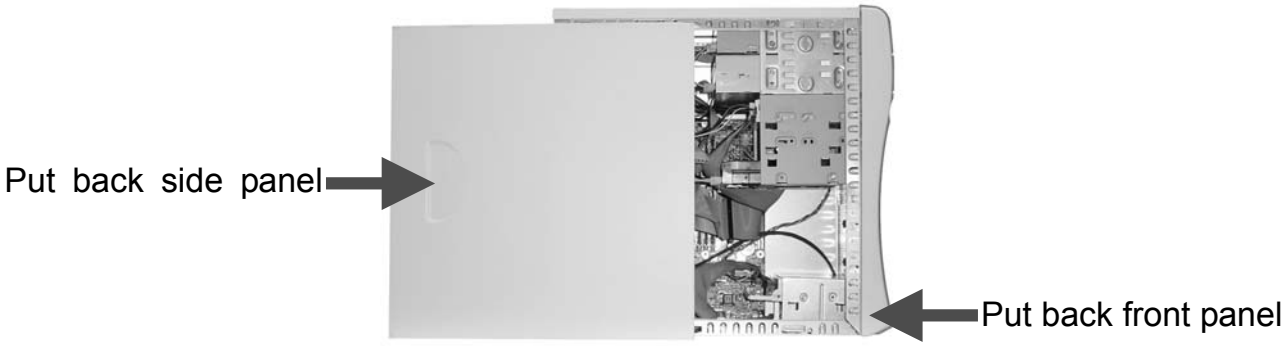
3.Connect the IDE cable included in the accessory box to the connector on the hard drive. Make sure that the RED wire on the ribbon connects to PIN 1 of the hard drive.

4.Connect power connector to the hard drive.

5.Install chassis back to position after completing hard drive installation.

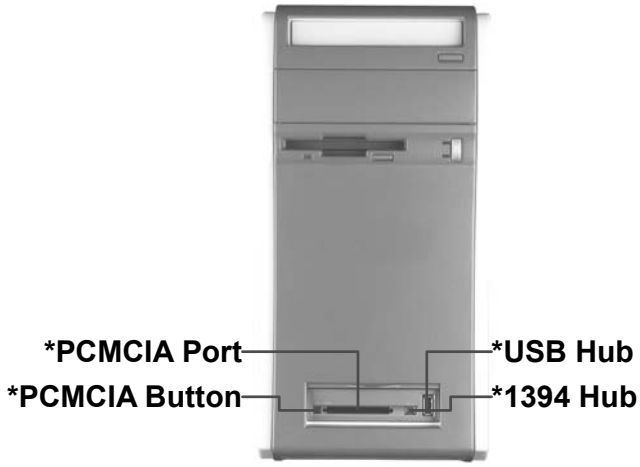
6.Connect the other end of the IDE connector to the IDE-1 bus on the motherboard.

7.Check all connections again.



V.System Installation and User's Guide

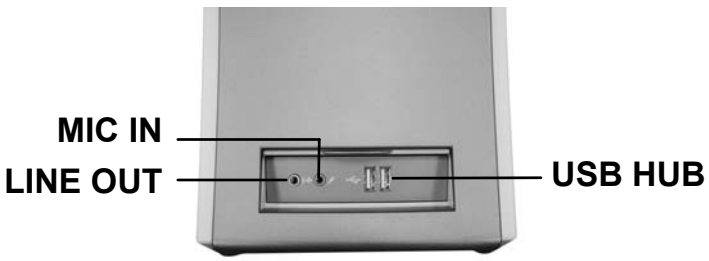
■Front Panel



Notice!!

A. For those models with front audio module:

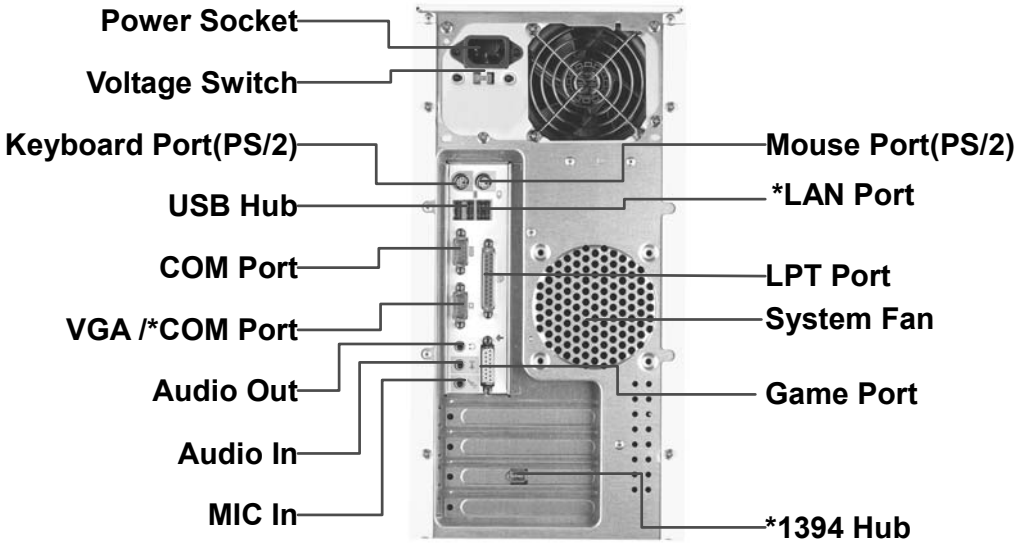
B. If you use microphone for recording, please insert it in the Front Audio Port.



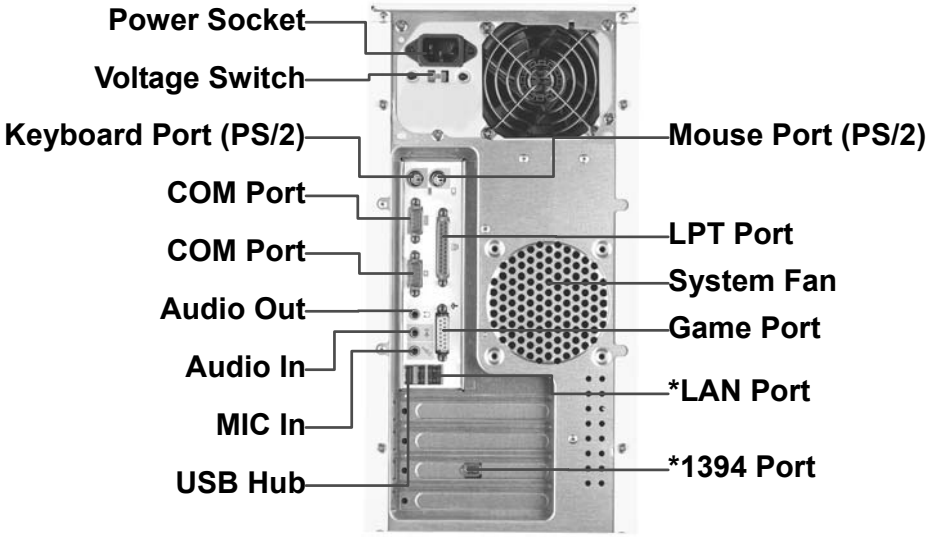
G-MAX Micro ATX Front Audio Port

■Rear Panel

1. For Intel® Pentium® III and Intel® Celeron®, AMD Athlon™ and AMD Duron™ motherboard solution.



2. For Intel® Pentium®4 motherboard solution.



■Note

1.To avoid broken disc during high-speed operation, we recommend you to use high quality CD/ Recordable CD/ Re-writable CD.

2.Specification with "＊" mark are subject to change without notice.

■Important Safety Instructions

Caution –To reduce the risk of fire, use only No.26 AWG or larger telephone line cord.

Caution –Always disconnect all telephone lines from the wall outlet before servicing or disassembly this equipment.

Caution –Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.